

Message Text

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ACTION DOE-15

INFO OCT-01 EUR-12 ISO-00 SOE-02 OES-07 AID-05 CEA-01
CIAE-00 COME-00 DODE-00 EB-08 H-02 INR-10 INT-05
L-03 NSAE-00 NSC-05 OMB-01 PM-05 ICA-20 SP-02
SS-15 STR-07 TRSE-00 ACDA-12 /138 W
-----055742 271852Z /11

R 271706Z JUN 78
FM AMEMBASSY OTTAWA
TO SECSTATE WASHDC 7881
INFO AMEMBASSY BONN
AMEMBASSY PARIS
AMEMBASSY STOCKHOLM

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E.O. 11652: N/A
TAGS: TECH, ENRG
SUBJECT: VISIT OF JOHN BRADBURN, DEPARTMENT OF ENERGY
(DOE) OFFICIAL

REF: STATE 141851

DEPARTMENT PLEASE PASS DOE/BRADBURN

1. SUMMARY: ON 21 JUNE, 1978 JOHN BRADBURN DISCUSSED
"SCIENTIFIC PEACE CORPS" CONCEPT WITH CANADIAN OFFICIALS,
FROM THE DEPARTMENTS OF INDUSTRY, TRADE, AND COMMERCE
(IT&C), ENERGY, MINES AND RESOURCES (EMR), AND
EXTERNAL AFFAIRS, AND FROM THE CANADIAN INTERNATIONAL
DEVELOPMENT AGENCY (CIDA), AND THE NATIONAL RESEARCH
COUNCIL OF CANADA (NRC). THE REACTION OF EACH ORGANI-
ZATION GENERALLY WAS ONE OF SKEPTICISM ABOUT THE CONCEPT,
AT THE BEGINNING OF BRADBURN'S PRESENTATION, BUT WITH
FURTHER DISCUSSION THE REACTIONS BECAME MORE POSITIVE.
THERE WERE SOME EXPRESSIONS OF INTEREST IN CANADIAN
PARTICIPATION. BRADBURN'S PRESENTATIONS WERE LUCID
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AND PERSUASIVE. END SUMMARY.

2. IN THE MEETING WITH DR. EDWARD SANDERSON AND
RICHARD KRAJEWSKI OF THE IT AND C, THEY STATED THAT
A) CIDA WOULD BE THE LEAD AGENCY IN ANY SUCH COOPERATION
WITH LDC'S, AND B) PARTICIPATION BY CANADIAN SCIENTISTS
AND ENGINEERS FROM INDUSTRY WOULD BE DIFFICULT TO

ACHIEVE UNLESS EITHER THE GOVERNMENT WOULD FUND THE ENTIRE OPERATION OR ELSE THE COMPANY COULD SEE A GOOD MARKET FOR ITS PRODUCTS OR SERVICES THROUGH SUCH PARTICIPATION. THE IT&C PEOPLE SAID THAT IF THERE WERE AN INITIATIVE BY THE CANADIAN GOVERNMENT TO PARTICIPATE IN SUCH A PROGRAM, THROUGH CIDA, THEY WOULD BE WILLING TO HELP PROMOTE COOPERATION BY CANADIAN INDUSTRY AND TO WORK WITH THE U.S.

3. AT CIDA, PETER HAINES (SENIOR TECHNICAL ADVISOR FOR ENERGY) AND MCCAULEY (SENIOR ENGINEERING ADVISOR) EXPRESSED RESERVATIONS ABOUT THE POTENTIAL FOR CIDA PARTICIPATION IN THE PROPOSED U.S. "SCIENTIFIC PEACE CORPS" PROGRAM, BUT AT THE SAME TIME POSED CONSTRUCTIVE QUESTIONS WHICH SHOULD BE HELPFUL TO DOE IN FORMULATING SPECIFIC PROPOSALS. IT WAS STRESSED THAT CANADIANS WOULD BE UNLIKELY TO BE ATTRACTED BY THE USE OF A GOVERNMENT/PRIVATE SECTOR MIX IN PROGRAM IMPLEMENTATION SINCE CANADA TENDS TO HAVE A "BRANCH PLANT" ECONOMY.

IT WAS NOTED THAT CIDA HAS CONSIDERABLE EXPERIENCE IN DEALING WITH LDC'S IN HYDROELECTRIC AND OTHER POWER SYSTEMS AND SOME OF THIS EXPERTISE COULD BE VERY VALUABLE TO THE PROGRAM. HOWEVER, UNLESS THERE WERE SOME WAY TO ATTRACT INDUSTRY EXPERTS AND ALSO NOT TO INTERFERE WITH CURRENT CIDA PRIORITIES, SUCH USE OF UNCLASSIFIED

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CANADIAN EXPERTISE WOULD APPEAR UNLIKELY.

ONE IDEA THAT SEEMS TO BE MEETING WITH SOME SUCCESS IN CIDA'S ASSISTANCE TO LDC'S, IS THE USE OF A REGIONAL APPROACH, WHEREBY A GROUP OF AFRICAN COUNTRIES ARE ENCOURAGED TO WORK TOGETHER ON A WELL-DESIGNED (BY CANADA) ENERGY ASSESSMENT AND DEVELOPMENT PLAN WHICH PROVIDES MUTUAL BENEFITS IN IMPLEMENTATION.

4. THE MEETINGS WITH DAN WHELAN (OF EXTAFF) AND ELWYN HUGHES OF NRC WERE COMBINED, IN THE INTEREST OF TIME. BOTH WERE CONCERNED ABOUT THE RELATIONSHIP BETWEEN THE PROPOSED "SCIENTIFIC PEACE CORPS" PROGRAM, THE BONN SUMMIT MEETING, AND THE 1979 MEETING ON TECHNOLOGY DEVELOPMENT FOR LDC'S. BRADBURN RESPONDED THAT THE PROGRAM HE IS DESCRIBING IS AT PRESENT SEPARATE, BUT THAT THE RESULTS OF THE SUMMIT MEETING MAY INFLUENCE THE NATURE OF THE PROPOSED PROGRAM.

WHELAN EXPRESSED RESERVATIONS ABOUT EXTERNAL AFFAIRS BACKING SUCH A "PEACE CORPS" PROGRAM, OR ENCOURAGING CIDA TO DO SO, UNTIL THE RELATIONSHIP WITH OTHER LDC

SUPPORT PROGRAMS IS MORE CLEARLY ESTABLISHED. HE SAID THAT CANADA MAY BE ABLE TO OFFER LIMITED PARTICIPATION WHEN THE U.S. PROGRAM IS MORE FIRMLY DEVELOPED. HE ALSO OFFERED THE OPPORTUNITY TO OBTAIN CANADIAN VIEWS DURING THE FORMULATION PERIOD.

5. THE MEETING WITH JOHN WALSH (SENIOR ADVISOR) AND FRED BELAIR (PROGRAM EVALUATIONS) OF THE DEPARTMENT OF ENERGY, MINES AND RESOURCES PROBABLY WAS THE MOST PRODUCTIVE OF THE MEETINGS, SINCE EMR PROVIDES TECHNICAL GUIDANCE TO CIDA AND OTHER CANADIAN AGENCIES ON ENERGY

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MATTERS. WALSH STATED THAT CANADA HAS THE "MOST COMPLICATED" ENERGY PROBLEM OF ANY COUNTRY BUT DOES NOT HAVE THE NECESSARY WIDE-RANGING ENERGY DEVELOPMENT PROGRAMS OF THE U.S. HE POINTED OUT THE SIGNIFICANT ROLE OF THE DOE LABORATORIES IN ENERGY RESEARCH AND THE EXTENT TO WHICH DOE IS ABLE TO CONTRACT OUT R&D WORK WITH INDUSTRY.

THE LACK OF COHESION IN ENERGY PLANNING AND DEVELOPMENT IN CANADA IS DUE TO A) THE SCATTER OF RESPONSIBILITIES AMONG VARIOUS FEDERAL DEPARTMENTS AND B) THE LARGE NUMBER OF PROVINCIAL AND PRIVATE SECTOR ENERGY ORGANIZATIONS, "EACH WITH ITS OWN AXE TO GRIND."

SINCE OBJECTIVITY IS NECESSARY IN ASSESSING ENERGY POTENTIAL AND IN DEVELOPING IMPLEMENTATION PLANS FOR

LDC'S, HE BELIEVES THAT CANADIAN INVOLVEMENT IN THE
U.S. PROPOSED PROGRAM WOULD BE OF BENEFIT TO CANADA,
AS WELL AS TO THE U.S. AND THE LDC'S. THE JOB OF
ENLISTING EXPERTS FROM THE PROVINCIAL AND FEDERAL
MINISTRIES AND FROM INDUSTRY WOULD BE FORMIDABLE,
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HOWEVER, AND HE WOULD BE HESITANT TO PREDICT THE RESULT.

6. COMMENT: AS MIGHT HAVE BEEN PREDICTED, THE
REPRESENTATIVES FROM THE CANADIAN GOVERNMENT DEPART-
MENTS AND AGENCIES WERE CAUTIOUS IN THEIR RESPONSE
TO THE PROPOSAL SET FORTH BY BRADBURNE. HIS VISIT
WAS VERY USEFUL, HOWEVER, IN STIMULATING AN INTEREST
IN THE IDEA OF A "SCIENTIFIC PEACE CORPS". AS THE
U.S. PROGRAM PROGRESSES TO THE POINT OF SPECIFICS, IT
IS QUITE POSSIBLE THAT CANADA WILL BE WILLING TO
PARTICIPATE IN THE PLANNING AND EVEN IMPLEMENTATION ON
A CASE-BY-CASE BASIS.
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